



## CONTENTS

3.	OU 10-04 SITE IDENTIFICATION .....	3-1
3.1	Initial Screening of WAGs 6 and 10 Sites.....	3-1
3.2	Overview of WAG 6 Release Sites .....	3-19
3.2.1	WAG 6 No Action Sites .....	3-20
3.2.2	Operable Unit 6-01 .....	3-21
3.2.3	Operable Unit 6-02 .....	3-21
3.2.4	Operable Unit 6-03 .....	3-21
3.2.5	Operable Unit 6-04 .....	3-21
3.2.6	Operable Unit 6-05 .....	3-22
3.3	Overview of WAG 10 Release Sites .....	3-22
3.3.1	No Action Sites .....	3-22
3.3.2	Operable Unit 10-01 .....	3-23
3.3.3	Operable Unit 10-02 .....	3-23
3.3.4	Operable Unit 10-03 .....	3-23
3.3.5	Operable Unit 10-04 .....	3-25
3.3.6	Operable Unit 10-05 .....	3-25
3.3.7	Operable Unit 10-06 .....	3-26
3.3.8	Operable Unit 10-07 .....	3-29
3.4	Facility Assessment Sites .....	3-29
3.5	CPP-66 Fly Ash Pit .....	3-29
3.6	References .....	3-30

## FIGURES

3-1.	INEEL area with WAG 10 CERCLA sites.....	3-3
3-2.	EBR-I area CERCLA sites.....	3-5
3-3.	BORAX area CERCLA sites.....	3-6

## TABLES

3-1.	All sites under OU 10-04, with sites assessed in the RI/FS highlighted.....	3-7
3-2.	Site descriptions and dispositions for OU 10-06. ....	3-27

### **3. OU 10-04 SITE IDENTIFICATION**

This section presents a general overview of the sites of concern identified in the OU 10-04 Work Plan (DOE-ID 1999a) as needing further assessment in the OU 10-04 RI/BRA. This section also includes an additional screening process in which several of these sites were eliminated from the BRA.

Sections 3.2 and 3.3 present an overview of the past activities at the WAG 6 and 10 facilities that subsequently led to releases of contamination to the environment. This is organized by OU under each WAG. Section 3.4 provides an overview of the facility assessment process included in the RI/FS. Section 3.5 discusses the CPP-66 (Fly Ash Pit) that was identified in the OU 3-13 Final ROD (DOE-ID 1999b) as an OU 10-04 site of concern for ecological receptors.

#### **3.1 Initial Screening of WAGs 6 and 10 Sites**

The initial screening of sites was performed, and the results were presented in the OU 10-04 Work Plan (DOE-ID 1999c). Sites within WAGs 6 and 10 were evaluated using the following six steps:

1. Information was compiled for WAG 6 and 10 sites.
2. New sites, unevaluated sites, and removal-action sites were identified.
3. No Action sites and nonsource sites were eliminated.
4. Sites with no detected contamination were eliminated.
5. Sites previously determined (through Track 1, Track 2, or other investigations) to have a risk less than  $1E-07$  and a hazard index (HI) less than 0.1 were eliminated.
6. If not eliminated by steps 3, 4, or 5, sites were retained for evaluation in the OU 10-04 RI/FS using the contaminant screening criteria.

For a detailed discussion of this process and for descriptions of the eliminated sites, see Appendices B and C of the OU 10-04 Work Plan (DOE-ID 1999c). For each site, Table 1-1 of the OU 10-04 Work Plan provided a description, described past investigations, and listed whether the site was eliminated and the reason for its elimination. In addition, Figure 3-1 shows the INEEL with the WAG 10 CERCLA sites and Figures 3-2 and 3-3 show the EBR-I and BORAX CERCLA sites, respectively. Figure 3-1 also shows all the currently identified ordnance areas including newly identified areas numbered 30 through 36. Table 3-1 of this document presents a summary of these sites. The sites of concern in this document include WAG 6 and 10 sites, facility assessment sites, and any additional sites passed forward to WAG 10 from other WAGs. During the development of this RI/FS, additional sites were eliminated. The rationale for eliminating the sites is presented in this section.

# INEEL WAG-10 CERCLA SITES

## KEY TO CERCLA Sites

Operable Site Unit	Code	Action	Description
10-00	ARVFS-01	No Action	ARVFS Containers of Contaminated NaK
10-00	ARVFS-02	No Action	ARVFS Tank Containing Low-level Radioactive Waste (under white building)
10-00	EOCR-02	No Action	EOCR Injection Well
10-00	EOCR-03	No Action	EOCR Oxidation Pond
10-00	EOCR-04	No Action	EOCR Septic Tank
10-00	EOCR-05	No Action	EOCR Blowdown Sump (EOCR 719)
10-04	STF-01	RI/FS-NSI	STF-601 Sumps and Pits
10-00	EOCR-01	No Action	EOCR Leach Pond
10-01	LCCDA-01	Track 2	LCCDA Old Disposal Pit (west end)
10-01	LCCDA-02	Track 2	LCCDA Limestone Treatment and Disposal Pit (east end)
10-01	LCCDA-EZ	Track 2	Exclusion Zone for LCCDA-01 and LCCDA-02
10-00	ZPPR-01	No Action	APPR Disposal Pit (outside ANL-W fence)
10-04	STF-02	RI/FS-NSI	STF Gun Range

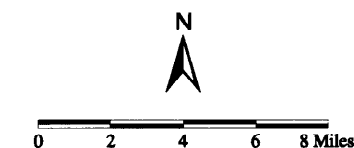
## KEY TO ORDNANCE AREAS

Red text indicates areas with live Unexploded Ordnance (UXO)  
Green text indicates areas with TNT and/or RDX soil contamination

- 1 - Arco High Altitude Bombing Range
- 2 - Naval Ordnance Test Facility (NOTF) (Vietnam Era) and
- 3 - CFA-633 Naval Firing Site and Downrange Area
- 4 - CFA Gravel Pit
- 5 - CFA Sanitary Landfill Area
- 6 - Naval Ordnance Disposal Area (NODA) (partially cleared)
- 7 - Explosive Storage Bunkers - North of ICPP
- 8 - National Oceanic & Atmospheric Administration (NOAA)
- 9 - Twin Buttes Bombing Range (partially cleared)
- 10 - Firestation II Zone and Range Fire Burn Area
- 11 - Anaconda Power Line
- 12 - Old Military Structures
- 13 - Mass Detonation Area
- 14 - Dairy Farm Reventments
- 15 - Experimental Field Station
- 16 - Unexploded Ordnance East of TRA
- 17 - Burn Area South of Experimental Field Station
- 18 - Igloo-Type Structure Northwest of Experimental Field Station
- 19 - Railcar Explosion Area
- 20 - Unexploded Shell East of ARVFS
- 21 - Juniper Mine
- 22 - Projectiles Found Near Mile Markers 17, 18 and 19
- 23 - Rifle Range
- 24 - Landmine and Fuze Burn Area
- 25 - Ordnance and Dry Explosives East of the Big Lost and North of NRF (Same as Railcar Site #19)
- 26 - Zone East of the Big Lost River
- 27 - Dirt Mounds Near the Experimental Field Station, NOAA, and NRF
- 28 - Craters East of ICPP
- 29 - Big Southern Butte
- 30 - Assessed Projectile Detonation Area
- 31 - Assessed Land Mine Detonation Area
- 32 - 4 Live 5" Anti Aircraft Common Projectile
- 33 - 30 Live 5" Anti Aircraft Common Projectile
- 34 - 19 Live 5" Anti Aircraft Common Projectile and 4 Live Fuzes
- 35 - Frag and RDX explosives found in and around crater
- 36 - Crater with 12 plus projectiles and chunks of RDX explosives
- \* - Northern Most Projectile Found (16" inert)

## LEGEND

- U.S. Highways
- State Highways
- Paved or Light-Duty Roads
- Railroad Tracks
- Rivers and Streams
- Buttes
- INEEL Boundary
- Spreading Areas and Playas
- Live Ordnance Areas
- Assessed or Cleared Ordnance Areas
- Down Range Ordnance Area
- Cities and Towns



Project: N/A  
Map Requestor: Tom Haney  
GIS Analyst: Dan Mahdavi  
Date Drawn: June 13, 2001  
Disclaimer: Live unexploded ordnance mapped with Trimble Pro XRS sub-meter GPS. CERCLA Sites located via conventional site survey and survey grade Trimble 4800 GPS equipment.  
Path: /projects/ineel/wag10\_cerclasites/  
File Name: cercla\_sites\_2001-bl\_v1  
Control #: N/A

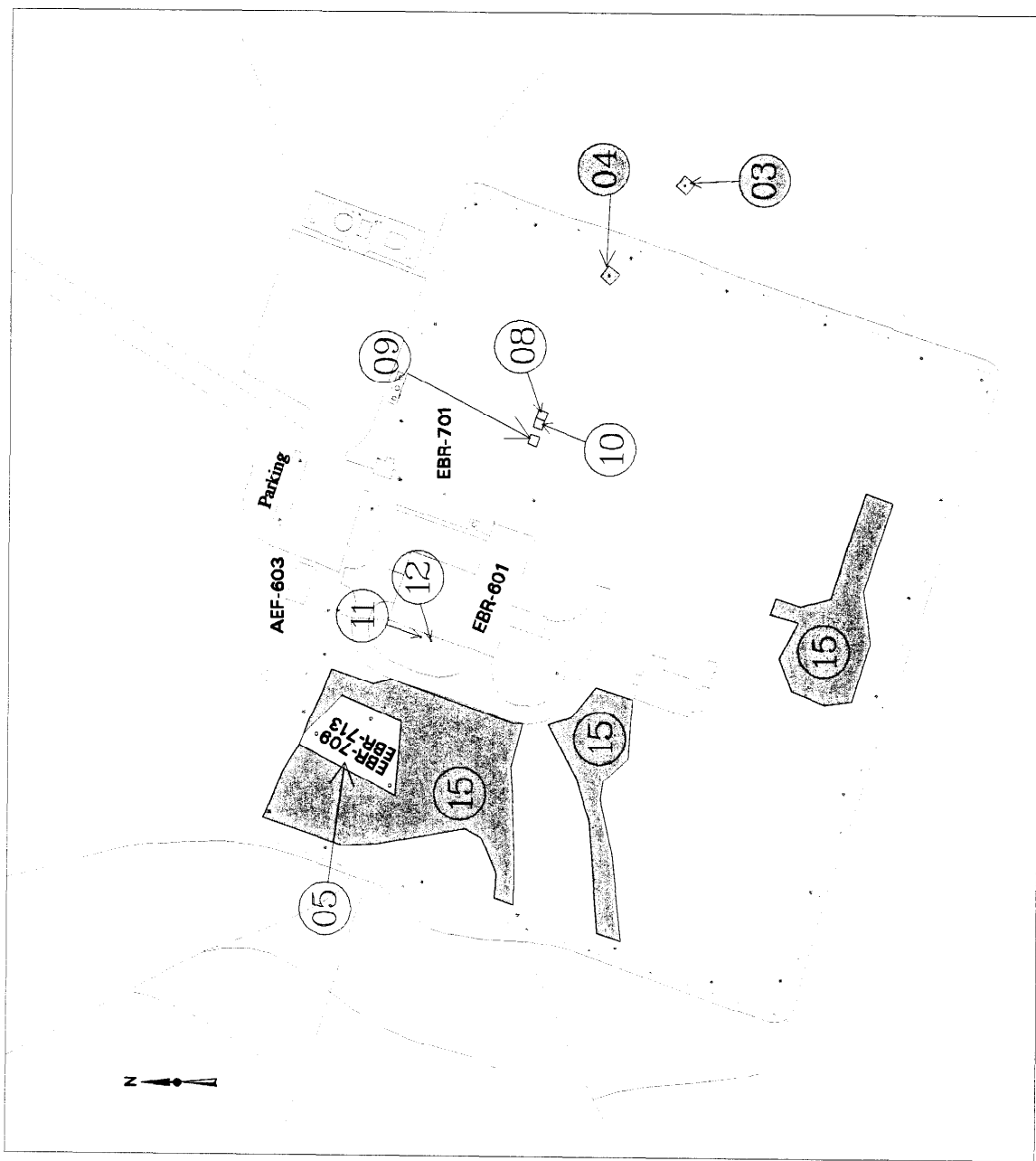
Figure 3-1. INEEL area with WAG 10 CERCLA sites.



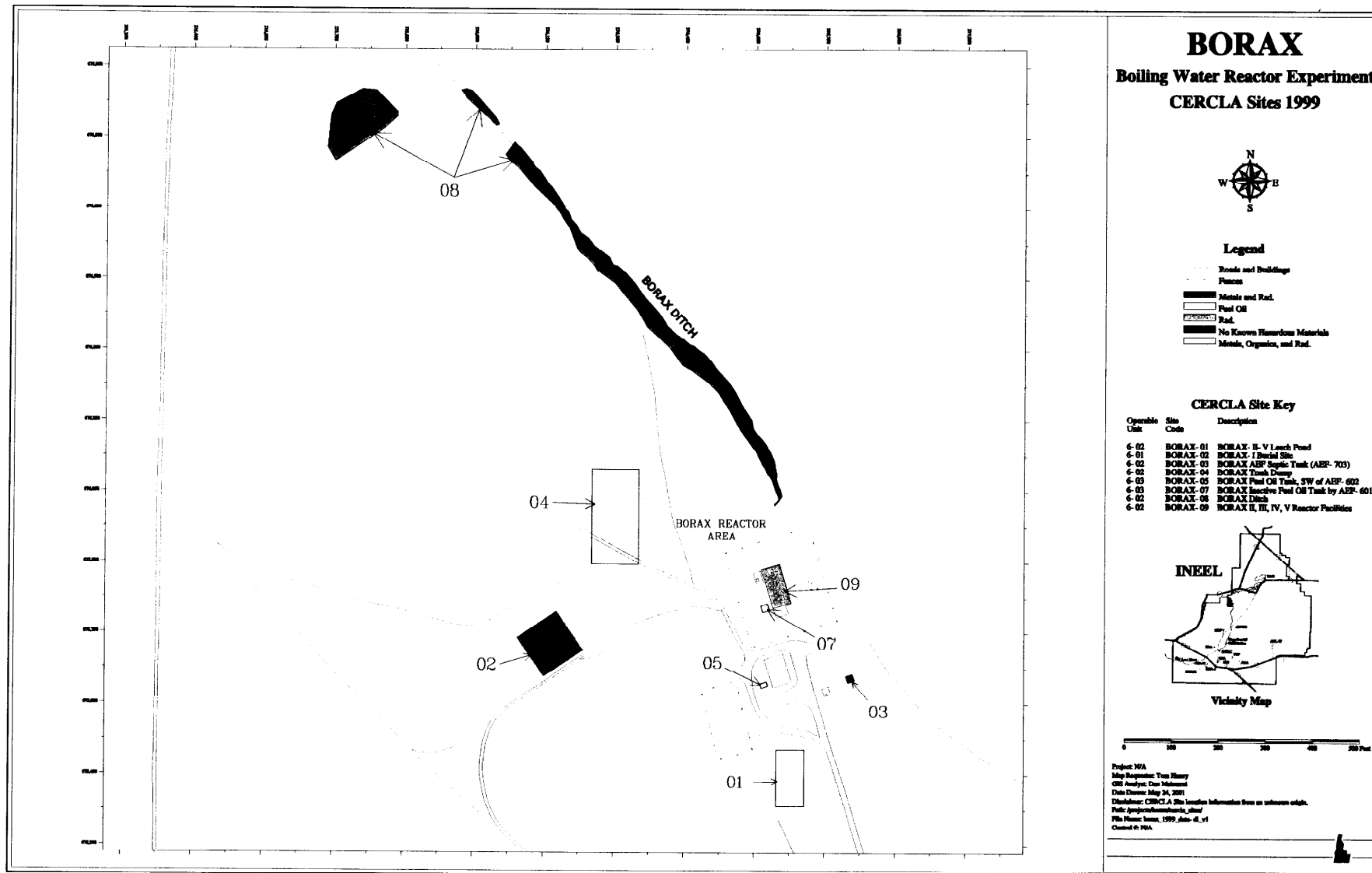
## LEGEND

## Fences

EBR-05	Cesspool, Septic Tank (EBR-709) and Sepage Pit (EBR-713)
EBR-08	Fuel Oil Tank at WMO- 703
EBR-09	Fuel Oil Tank at WMO- 601
EBR-10	Gasoline Tank at WMO- 705
EBR-11	Fuel Oil Tank at EBR- 706
EBR-12	Diesel Tank at EBR- 707
	Rad. Contamination Areas
EBR-04	Septic Tank at WMO- 701
EBR-03	Sepage Pit at WMO- 702
EBR-15	Radioactive Soil Contamination (EBR-1)



**Figure 3-2. EBR-I area CERCLA sites.**



**Figure 3-3.** BORAX area CERCLA sites.